

1 CLAIMS:

2       1. An expenditure management system for managing  
3 expenditure for an automatic transfer service of rates,  
4 comprising:

5               a detail data input section for inputting detail data  
6 about said rates;

7               a pre-journalizing details database for storing said  
8 detail data input at said detail data input section;

9               a master database for storing master data used for  
10 journalizing on the basis of collation with said detail  
11 data;

12              a data collation and journalizing section for collating  
13 said detail data stored in said pre-journalizing details  
14 database with said master data stored in said master  
15 database and creating journal data; and

16              a journal database for storing said journal data  
17 created at said data collation and journalizing section,

18              wherein said data collation and journalizing section  
19 creates multiple kinds of journal data according to the  
20 contents of processing for the expenditure management, while  
21 said master database stores multiple kinds of master data

1 depending on said multiple kinds of journal data created by  
2 said data collation and journalizing section.

3 2. The expenditure management system according to claim 1,  
4 further comprising a data format conversion section that  
5 converts the detail data input at said detail data input  
6 section into a unified data format, wherein said  
7 pre-journalizing details database stores the detail data  
8 converted in said data format conversion section.

9 3. The expenditure management system according to claim 2,  
10 wherein said data format conversion section converts the  
11 detail data input at said detail data input section into a  
12 data format that includes at least a transfer key, an amount  
13 for each transfer key, and identification data showing a  
14 kind of data that was classified according to journalizing  
15 by said data collation and journalizing section.

16 4. The expenditure management system according to claim 1,  
17 wherein said master database storing:

18 a first master data that manages a total amount of main  
19 body that does not include consumption tax within the rates  
20 in said detail data, which is used for appropriation and  
21 write-off of expenditures as processing in the expenditure  
22 management; and

23 a second master data that manages an amount for each  
24 transfer key in said detail data, which is used for transfer  
25 as processing in the expenditure management.

1       5. An expenditure management system for managing  
2 expenditure for an automatic transfer service of rates,  
3 comprising:

4               detail data storing means for storing detail data about  
5 rates; and

6               journalizing means for journalizing said detail data,

7               wherein said detail data storing means classifies said  
8 detail data into data for each transfer key, data about a  
9 total amount of main body that does not include consumption  
10 tax, and data about total consumption tax and storing,

11              wherein said journalizing means collates master data  
12 prepared for collation with said detail data according to  
13 the contents of journalizing with data necessary for the  
14 journalizing within said detail data and performs  
15 journalizing.

16       6. The expenditure management system according to claim 5,  
17 said detail data storing means further classifies data for  
18 each said transfer key in said detail data into an amount  
19 subject to consumption tax and a nontaxable amount.

20       7. The expenditure management system according to claim 5,  
21 wherein said journalizing means collates data about said  
22 total amount of main body stored in said detail data storing  
23 means and data about said consumption tax with master data

1 corresponding to data about said total amount of main body,  
2 thereby journalizing for appropriation and write-off of  
3 expenditures.

4 8. The expenditure management system according to claim 5,  
5 wherein said journalizing means collates data for each said  
6 transfer key stored in said detail data storing means with  
7 master data corresponding to data for said transfer key,  
8 thereby journalizing for transfer.

9 9. A method for managing expenditure for an automatic  
10 transfer service of rates, comprising the steps of:

11 acquiring detail data about said rates;

12 creating a plurality of master data according to  
13 contents of journalizing, wherein the master data is used  
14 for journalizing on the basis of collation with said detail  
15 data; and

16 collating said detail data with said master data and  
17 creating multiple kinds of journal data according to  
18 contents of processing in the expenditure management.

19 10. The method according to claim 9, further comprising:  
20 after the step of acquiring detail data, the step of  
21 converting the acquired detail data into a unified data  
22 format.

23 11. The method according to claim 9, further comprising:

1 after the step of acquiring detail data, the step of  
2 classifying the acquired detail data into data for each  
3 transfer key, data about a total amount of main body that  
4 does not include consumption tax, and data about total  
5 consumption tax.

6 12. The method according to claim 11, wherein the step of  
7 classifying the detail data further comprising the step of  
8 multiplying a total amount of main body subject to  
9 consumption tax within data for each transfer key in said  
10 detail data by a value corresponding to a consumption tax  
11 rate to calculate an amount of consumption tax for the data  
12 about total consumption tax.

13 13. The method according to claim 9, wherein the step of  
14 creating master data further comprises the steps of:

15 creating a first master data that manages a total  
16 amount of main body that does not include consumption tax  
17 within the rates in said detail data; and

18 creating a second master data that manages an amount  
19 for each transfer key in said detail data, and

20 wherein the step of creating journal data further  
21 comprises the steps of:

22 collating said detail data with said first master data  
23 to create journal data for appropriation and write-off of  
24 expenditures; and

1           collating said detail data with said second master data  
2 to create journal data for transfer.

3       14. A recording medium storing a program readable by input  
4 means of a computer and causing the computer to execute the  
5 processing, the processing comprising:

6           processing for acquiring detail data about rates;

7           processing for acquiring a plurality of master data  
8 prepared according to contents of journalizing, wherein the  
9 master data is used for journalizing on the basis of  
10 collation with said detail data; and

11          processing for collating said detail data with said  
12 master data and creating multiple kinds of journal data  
13 according to contents of processing in the expenditure  
14 management.

15       15. The recording medium according to claim 14, the  
16 processing further comprising:

17          after the processing for acquiring detail data,  
18 processing for converting the acquired detail data into a  
19 unified data format.

20       16. The recording medium according to claim 14, the  
21 processing further comprising:

1           after the processing for acquiring detail data,  
2 processing for classifying the acquired detail data into  
3 data for each transfer key, data about a total amount of  
4 main body that does not include consumption tax, and data  
5 about total consumption tax.

6       17. A computer program product comprising a computer usable  
7 medium having computer readable program code means embodied  
8 therein for causing the expenditure management system for  
9 managing expenditure for an automatic transfer service of  
10 rates, the computer readable program code means in said  
11 computer program product comprising computer readable program  
12 code means for causing a computer to effect the functions of  
13 claim 1.

14     18. A computer program product comprising a computer usable  
15 medium having computer readable program code means embodied  
16 therein for causing the expenditure management system for  
17 managing expenditure for an automatic transfer service of  
18 rates, the computer readable program code means in said  
19 computer program product comprising computer readable program  
20 code means for causing a computer to effect the functions of  
21 claim 5.

22     19. An article of manufacture comprising a computer usable  
23 medium having computer readable program code means embodied  
24 therein for causing expenditure management for an automatic  
25 transfer service of rates, the computer readable program  
26 code means in said article of manufacture comprising computer  
27 readable program code means for causing a computer to effect

1 the steps of claim 9.

2 20. A program storage device readable by machine, tangibly  
3 embodying a program of instructions executable by the machine  
4 to perform method steps for managing expenditure for an  
5 automatic transfer service of rates, said method steps  
6 comprising the steps of claim 9.

TECHNICAL DRAWING